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TITLE : METHOD AND REAGENT FOR DETERMINING ALPHA2-PLASMIN INHIBITOR

ABSTRACT : PROBLEM TO BE SOLVED: To provide a convenient and accurate method for determining an α 2-plasmin inhibitor for clinical examinations, etc., by mixing and reacting a plasmin-containing sample with a plasmin reagent which contains an excess of a specific non-reducing sugar, and measuring activity of the remaining plasmin.

SOLUTION: The objective convenient and accurate method for determining an α 2-plasmin inhibitor to be used for e.g. clinical examinations is to mix an α 2-plasmin containing sample (e.g. plasma specimen) with a plasmin reagent which contains an excess of specific non-reducing sugar to make the plasmin react with the α 2-plasmin inhibitor, and then determine the α 2-plasmin inhibitor remaining in the sample. The plasmin reagent to be used is a liquid one that contains 1-60% of a 4-24C non-reducing sugar such as sorbitol, trehalose or sucrose, 0.005-3.0mol of a salt and 0.001-100 units/ml of plasmin.

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